



February 5, 2009

# California Regional Water Quality Control Board

Los Angeles Region

Tracy Egoscue, Executive Officer

## Executive Officer's Report

*The Executive Officer's Report is not intended to be an exhaustive list, but rather highlights of Regional Board staff activities from the previous month.*

### *Total Maximum Daily Loads (TMDLs)*

#### **Irrigated Agricultural Lands Regulatory Program Roundtable**

Rebecca Veiga Nascimento

The Los Angeles Regional Water Quality Control Board hosted the Irrigated Agricultural Lands Regulatory Program Roundtable on January 8 - 9, 2009. This roundtable event was a joint meeting between the State Water Resources Control Board, Regional Water Quality Control Boards, Department of Pesticide Regulation, California Department of Food and Agriculture, and US EPA Region 9. The meeting included field tours given by local agriculturalists; attendees toured Bordier's Nursery located in Somis and Limoneira Company located in Santa Paula. Additionally, leaders of the Ventura County agriculture community provided presentations focused on local agriculture issues and water quality. The Executive Director of the Ventura County Farm Bureau, John Krist, discussed the efforts of the agriculture community to comply with the Los Angeles Region Conditional Waiver for Irrigated Lands (Order No. R4-2005-0080) and TMDLs. Dan Detmer of the United Water Conservation District presented research on the effectiveness of Best Management Practices (BMPs) to protect water quality. This roundtable meeting provided an interagency forum to discuss agriculture issues in the Los Angeles Region and generated positive feedback from both attendees and the stakeholder community.

#### **McGrath Lake Pesticides and PCBs TMDL**

Elisha Wakefield and Rebecca Veiga Nascimento

Regional Board staff held a kickoff stakeholder meeting in Ventura on January 28, 2009 to discuss development of the McGrath Lake Pesticides and PCBs TMDL. At the meeting, Regional Board staff discussed the extent of water quality and sediment contamination in the lake, sources of the pesticides and PCBs loading to the lake, the plan to improve water and sediment quality at the lake, and the TMDL development schedule. Staff intends to bring the TMDL to the Board for consideration in 2009. McGrath Lake is a shallow back-dune lake located in the McGrath State Beach in Ventura County. The lake is on the 303(d) list of impaired waterbodies for PCBs and pesticides in sediment and sediment toxicity. McGrath Lake provides numerous beneficial uses, including habitat and recreation and is the only remaining back-dune lake in southern California. The TMDL will include a strategy to reduce pesticides and PCBs impairments in McGrath Lake in order to achieve water quality objectives set to protect the beneficial uses of the lake.

*Our mission is to preserve*

*and enhance the quality of*

*California's water resources*

*for the benefit of present and*

*future generations.*

Phone: 213-576-6600

Fax: 213-576-6640

320 W. 4th Street, Suite 200  
Los Angeles, CA 90013

## *Enforcement Unit*

### **Environmental Crimes Task Forces**

Enforcement Staff continued to participate in the USEPA, LA County, Ventura County and the City of LA Environmental Crimes Task Force meetings.

### *Stormwater Compliance and Enforcement*

### **Notices of Non-Compliance (NNCs), Denial of Notices of Termination, Notices of Violation (NOVs), Demand for Payment: from November 14 to January 12, 2008**

Harumi Goya and Ejigu Solomon

Unit staff issued 3 Notice of Non-Compliance (NNC) during this period:

Date Issued	Facility/Construction Site	Type
12/3/2008	Alliance Dynamic Group, Inc.	Industrial
12/22/2008	Mosier and Company, Inc	Construction
12/22/2008	Starwood Asset Management	Construction

7 Notice of Termination (NOT) were denied:

Date Issued	WDID#	Permittee	Type
11/18/2008	419C338945	Pbominic Bitonti	Construction
11/25/2008	419C351442	Majestic MAPA Prop LLC	Construction
11/25/2008	419C351443	Majestic MAPA Prop LLC	Construction
12/17/2008	456C317209	Orions Flight LLC	Construction
12/17/2008	456C340205	Tecate Ave LLC	Construction
12/17/2008	456C317209	Tecate Ave LLC	Construction
12/22/2008	419I019436	Vue-Way Sign Barricade & Flasher	Industrial

8 Notices of Violation (NOVs) were issued:

Date Issued	WDID#	Permittee	Type
11/7/2008	419I003532	CalMet Services, Inc.	Industrial
11/21/2008	419I009533	Omega Technologies, Inc.	Industrial
11/21/2008	419I021550	Bodycote Termal Processing	Industrial
11/26/2008	419I002425	Fibre Containers Company	Industrial
12/5/2008	419I004003	Miller's Auto Dismantling	Industrial
12/5/2008	419I014214	Richwell Steel Co. Inc.	Industrial
12/9/2008	419I015852	Hansen Welding Inc.	Industrial
12/22/2008	419C331675	Azusa Land Partners, LLC	Construction

1 Demand for Payment was issued:

Date Issued	WDID#	Permittee	Type
11/26/2008	419I018960	All West Iron, Inc.	Industrial

## *Watershed Management*

### **Watershed Stakeholder Activities**

Nine of the ten watershed management areas in the Los Angeles Region have extensive stakeholder (represented by agencies, businesses, individuals, and nonprofit organizations) involvement in watershed activities including development of planning documents and implementation of restoration projects. Major watershed activities involving multiple stakeholders include development of restoration plans for Ormond Beach and Ballona Wetlands, restoration work at Colorado Lagoon to improve habitat and water quality, and participation in a large-scale education and outreach program called "Watershed U" which is overseen by UC Cooperative Extension and is scheduled for the upcoming Spring in the Ventura River Watershed. Additional information on watershed stakeholder activities may be found at [http://www.waterboards.ca.gov/losangeles/water\\_issues/programs/regional\\_program/index.shtml#Watershed](http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/index.shtml#Watershed).

### **Watershed Management Initiative Chapter**

Each Regional Board has a "chapter" in a statewide document which describes the Region's watersheds and their priority water quality issues. The last update occurred in December 2007. The consolidated statewide document can serve as the basis for many funding decisions including allocating money for monitoring, TMDL development, and grant monies disbursement. Updates occur on an as-needed basis. The 2007 document can be downloaded at [http://www.waterboards.ca.gov/losangeles/water\\_issues/programs/regional\\_program/index.shtml#Watershed](http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/index.shtml#Watershed). In addition, there is a clickable map of the region's watersheds for information specific to each one including State of Watershed Reports where available.

### **Funding**

Information on a wide variety of funding sources is available on the California Watershed Funding Database website at <http://calwatershedfunds.org/>. Both Los Angeles and Ventura Counties have developed Integrated Regional Water Management Plans (IRWMPs) in order to qualify for funding under Propositions 50 and 84. The Los Angeles County IRWMP may be viewed at <http://www.lawaterplan.org/> which also includes information on meeting schedules and summaries. The Greater LA Region is composed of five subregions which conduct separate steering committee meetings. The Ventura County IRWMP is available at <http://www.watershedcoalition.org/> which also includes information on meeting schedules and summaries. The Watersheds Coalition of Ventura County meets as a combined group; separate watersheds committees/councils also conduct their own meetings. Neither the Greater Los Angeles County or Ventura County IRWMPs include the upper Santa Clara River. Stakeholders in that area have developed a separate IRWMP which is available at <http://www.scrwaterplan.org>.

## *General Permitting*

### **Summary of General Permitting Unit Activities for December 2008**

During the month of December 2008, 16 dischargers were enrolled under the general NPDES permits and 17 enrollments were terminated. The table on the following page shows the breakdown of the enrollments, revisions, and terminations for each category of general NPDES permit during the month of December 2008.

		Date of Coverage	Date of Revision	Date of Termination
<b>A.</b>	<b>NPDES CAG994004 (Order No. R4-2003-0111) Construction &amp; Project De-watering</b>			
1	West Coast Storm, Inc., Caltrans Pump Houses Maintenance, Center Median of 110 & 105 Freeways, L.A.	12/3/08		
2	The Korea Times, 4525 Wilshire Bl., L.A.	12/10/08		
3	Esprit, Marina Del Rey, Parcel 12, 13900 Marquesas Way, Marina Del Rey			12/23/08
4	Mercury Casualty Co., Office Building, 4484 Wilshire Bl., L.A.	12/23/08		
5	Bevcon 1 LLC, Bevcon 1 Project, 8480 Beverly Bl., L.A.	12/2/08		
6	Griffin Ind. Inc., Heritage Valley Park Project, Permit B, between Hwy. 126 and Santa Clara River, Fillmore			12/5/08
7	Griffin Ind. Inc., Heritage Valley Park Project, Permit G, between Hwy. 126 and Santa Clara River, Fillmore			12/5/08
8	NRG El Segundo Operations Inc., Long Beach Generating Station, 2665 West Seaside Bl., Long Beach			12/8/08
9	Griffin Ind. Inc., Heritage Valley Park Project, Permit F, between Hwy. 126 and Santa Clara River, Fillmore			12/8/08
10	Griffin Ind. Inc., Heritage Valley Park Project, Permit D, between Hwy. 126 and Santa Clara River, Fillmore			12/8/08
11	Griffin Ind. Inc., Heritage Valley Park Project, Permit A, between Hwy. 126 and Santa Clara River, Fillmore			12/8/08
12	The Olson Co., Renaissance Walk, 120 E. Santa Clara St., Ventura	12/22/08		
13	Maple Plaza, 331 N. Maple Drive, Beverly Hills	12/1/08		
14	Maple Plaza, LTD, 345 N. Maple Drive Office Bldg, Beverly Hills	12/4/08		
15	Beverly Place, L.P.—Beverly Mercedes Pl., 9242 Beverly Bl., Beverly Hills	12/4/08		
16	Storm Water Resources, LLC—Hopkins—Tibbets Bank Protection Project, Phase 1, Av. Hopkins and Av. Tibbetts, Santa Clarita			12/9/08
17	Griffin Ind. Inc., Heritage Valley Park Project, Permit H, between Hwy. 126 and Santa Clara River, Fillmore			12/9/08
18	Ventura County Watershed Protection Districts—South Branch Arroyo Conejo Culvert Improvement Project, Hillcrest Drive, Newbury Park			12/15/08
19	City of Oxnard Public Works Dept—Redwood Trunk & Headworks Proj, Oxnard			12/15/08
20	City of Ventura, Department of Public Works, 430 Water Pressure Zone Pipeline Project, Blackburn Road & Wells Road, Ventura			12/15/08
21	City of Oxnard Genl Services Dept—Santa Clara River Outlet Repair Proj, Oxnard			12/15/08
22	Douglas Emmett Inc., Wilshire Landmark II Bldg, 11766 Wilshire Bl., L.A.	12/10/08		
23	Occidental College—New Residence Hall Project, 1600 Campus Rd, L.A.			12/17/08
24	City of Santa Monica—Charnock Pilot Test Plant Groundwater Pilot Testing Project, Santa Monica	12/23/08		
25	Annenberg Community Beach Club, Santa Monica State Beach, 415 Pacific Coast Hwy., Santa Monica			12/8/08
26	Hine Property Management, 18049 Coastline Drive, Malibu			12/8/08
27	Picasso Auto Body Shop, 8355 West 3 <sup>rd</sup> St., L.A.	12/19/08		
28	Union Development Financial Inc., Rosewood Center, 10148 E. Rosecrans Ave., Bellflower	12/17/08		
29	Ivy Property Group, 8711 Melrose Ave., West Hollywood	12/18/08		
30	L.A. County Department of Beach and Harbor, Marina Del Rey Sewer Upgrade—Phase 1, Marquesas Way, Marina Del Rey	12/17/08		
<b>B.</b>	<b>NPDES No. CAG994005 (Order No. R4-2003-0108) Potable Water Supply Wells Discharges</b>			
1	Valencia Water Co., Well No. 207, 26908 Feedmill Road, Valencia	12/5/08		
2	Valencia Water Co. Well—Well S7 Rehabilitation Proj, 23850 Bridgeport, Valencia			12/22/08
<b>C.</b>	<b>NPDES CAG674001 (Order No. R4-2004-0109) Hydrostatic Test Water</b>			
	Wopak Terminal L.A. Inc., Tank 107, 2200 East Pacific Coast Hwy., Wilmington	12/23/08		
<b>D.</b>	<b>NPDES CAG994003 (Order No. R4-2004-0058) Nonprocess</b>			
<b>E.</b>	<b>NPDES CAG834001 (Order No.2007-0021) – Cleanup of Petroleum Fuel Pollution</b>			
<b>F.</b>	<b>NPDES CAG914001(Order No. 2007-0022) – Cleanup of Volatile Organic Compounds Contaminated Groundwater</b>			

## *Underground Storage Tanks*

### **Completion of Corrective Action at Leaking Underground Fuel Storage Tank Sites**

Yue Rong

Regional Board staff have reviewed corrective actions taken for soil and/or groundwater contamination problems from leaking underground storage tanks for the time of **November 4, 2008** through **December 31, 2008**, and determined that no further corrective actions are required for the following sites:

- Rapid Gas #8, Redondo Beach (R-25812)
- Thrifty Oil Station #250, Inglewood (R-25027)
- Advanced Development & Investment Property, Los Angeles (900260334)
- PPG Industries, Inc. Torrance (905030170)
- Vista Kraft, Woodland Hills (913670689)
- Bank of West, Redondo Beach (R-50526)
- CHR Corporation Property, Long Beach (908020261)
- Mobil Station No. 18-P6V, Diamond Bar (I-01457A)
- Former Boeing, Canoga Park (913030043)

For the case closure sites above, a total of **2,507** tons of impacted soils were excavated and **25,193** pounds of hydrocarbons were removed by soil vapor extraction system. In addition, **36,139,560** gallons of groundwater were treated.

### **Charnock Sub-basin MTBE Cleanup**

Weixing Tong/Jay Huang

MTBE cleanup in the Charnock Sub-basin has been ongoing. In 1996, the discovery of MTBE contamination of the City of Santa Monica's Charnock wellfield resulted in shutdown of the wellfield and consequently a loss of over 6 million gallons per day of groundwater supply – an amount equal to approximately half of the City's daily water demand. On November 21, 2003, the City of Santa Monica and three oil companies (Shell, Chevron, and ExxonMobil) reached a settlement that promises the construction of a treatment plant to restore the drinking water supply to the residents of Santa Monica from the Charnock Sub-Basin. In 2006, the city re-negotiated with the settling major oil companies (Shell, Chevron, and ExxonMobil). Under the new agreement, the city has undertaken full responsibility to build and operate the treatment plant and bring the Charnock wellfield back to productive service.

Since 1996, this Regional Board, working along with USEPA, has diligently investigated and overseen cleanup of the regional and site-specific contamination. As of November 2008, a total of 773 million gallons of groundwater in the Charnock Sub-Basin Investigation Area have been treated. To date, a total of 2,347 pounds of MTBE have been removed from groundwater and 4,263 pounds of MTBE from soil. In addition, 15,844 pounds of gasoline have been removed from groundwater and 246,816 pounds from soil (see the table on the following page).

PRP #	Site Name	Soil Remediation			Groundwater Remediation				
		TPHg lb	Benzene lb	MTBE lb	TPHg Lb	Benzene lb	MTBE Lb	TBA lb	Water million gallons
3	Former Arco Station #1578	13,373							
4	Arco Station #1246	60,357	1,071	23					
6	Former Conoco Station	4,973	39.58						
7	Former Unocal Station #3016	31,455	87	90	0.8	0.004	1		4.1
8	Mobil Station # 18-FX5	14,886	85	305	1,129.3	3.22	1.16		52.5
10	Chevron Station #9-0561	5,390	24.5	34			0.12		0.18
11	Shell Station # 204-1944-0100	5,319	32	107	14,713.6	628.5	2,344.5	801.4	716
12	Winall #18	14,665	99	1,937					
15	Former Powergas Station	20,081	68	948					
18	Former Shell Station	380	2.4	0.4					
19	Former ARCO Station #5117	11,079	11.9	14.7					
23	Former Thrifty #247	59,043	1,354	790					
40	Former Shell Service Station	5,815	80	14					
	<b>Total</b>	246,816	2,954.38	4,263.1	15,843.7	631.72	2,346.78	801.4	772.78

To date, the site-specific cleanup is still ongoing. The construction of the treatment plant combining with source site cleanup will ensure the full restoration of groundwater production from the Charnock Sub-Basin.

In the meantime, staff have also been conducting low risk review for those Charnock sites where cleanup has been completed. From February 2004 to May 2008, staff issued “No Further Action” letter to fourteen sites (PRP sites #5, #12, #15, #16, #19, #20, #21, #24, #29, #30, #36, #37, #42, #44). Since November 2005, vadose zone cleanup using vapor extraction system has been initiated at PRP#18, PRP#35 and PRP#40. Recently, soil remediation (SVE) has been completed at PRP #6 and PRP #10 sites.

For more information on the Charnock Sub-Basin cleanup, visit [http://www.waterboards.ca.gov/losangeles/html/programs/ust/charnock\\_mtbe.html](http://www.waterboards.ca.gov/losangeles/html/programs/ust/charnock_mtbe.html) Or [www.epa.gov/region09/charnock](http://www.epa.gov/region09/charnock).

**Executive Officer issued general Waste Discharge Requirements (WDRs)**

Yue Rong

The Executive Officer, on behalf of the board, issued 4 general Waste Discharge Requirements (WDRs) and the revisions to Crenshaw Collision Center, located in Los Angeles (11/18/08), Conocophillips, located in Thousand Oaks (11/21/08), Thrifty Service Station, located in Long Beach (11/21/08), and Santa Monica City Yard, located in Santa Monica (11/24/08). The WDRs issued for injection of ozone and oxygen release compounds to the impacted aquifer for in-situ groundwater cleanup, which is designed to save water resources by avoiding discharging the treated water to the ocean.

**Staff In-house Training Seminars**

Yue Rong

During November 2008, staff invited three consulting firms to present respective soil vapor intrusion and in-situ injection groundwater cleanup technologies from each company. The presentations entitled “Soil Vapor Analysis for Vapor Intrusion Issues” (November 4), “Design and Implementation of In-situ Chemical Oxidation” (November 12), and “In-Situ Chemical Injection Type to Petroleum and Chlorinated Compounds” (November 18), respectively.

## *Site Cleanup IV Unit*

### **Former Western Fuel Oil Site**

Paul Cho

The former Western Fuel Oil site is a 55-acre parcel located in a highly industrialized area northwest of the Port of Los Angeles. The site was operated as an oil refinery from approximately 1923 to 1948. The property was acquired by Westoil in the 1950s and operated as a petroleum terminal, storage and transfer facility. In 1974, Western Fuel Oil leased and continued to operate the site as a terminal until 1995. Decommissioning and demolition of above- and below-ground structures at the site took place in 1997 and 1998. In July 1999, the property was purchased by Gaffey Street Venture, LLC for development as the San Pedro Business Center (SPBC). The property has been developed as industrial use (warehouse and office space) and owned by BlackRock, Inc.

BlackRock conducted a soil vapor survey under and around Building A which consists of a 760,000-square foot warehouse structure with office space. BlackRock also submitted a human health risk assessment to OEHHA in October 2008. OEHHA concurred with BlackRock's assessment conclusion with negligible health risks associated with the vapor intrusion exposure pathway.

During a vertical delineation work (two deeper monitoring wells down to 200 feet below ground surface), BlackRock detected fuel oxygenates such as tertiary butyl alcohol. Staff is requiring further assessment and a conceptual site model.

### **Shell Bulk Fuel Distribution Terminal**

Paul Cho

This 6-acre site has been in operation as a distribution and storage facility for gasoline and crude oil since 1967. The current annual throughput of gasoline at the terminal is approximately 300 million gallons. Product is delivered to the terminal through a pipeline from the Shell Carson Terminal and is transferred to tanker trucks for distribution to local facilities.

Per California Water Code Section 13267, staff directed Shell to assess the vertical extent of impacted groundwater with fuel oxygenates underneath the site and the lateral extent of impacted groundwater north of the site, and to develop a site conceptual model by March 31, 2009.

### **Former Voi-Shan Facility, Fairchild Holding Corporation, Redondo Beach**

Ann Lin

The former Voi-Shan Aerospace Fastener manufacturing facility was constructed in 1970 and occupied until 1991. The 8-acre site was redeveloped as a commercial property in 1993. Site assessment began in 1986 when a leaking underground solvent storage tank was removed. The soil and groundwater contamination has been delineated. The source of 1,1,1-trichloroethane (TCA), trichloroethene (TCE), and tetrachloroethylene (PCE) impact was a former sump area. Source removal (soil excavation) was performed in 1993. Remedial activities performed at the site include: (1) soil vapor extraction, which was operated in vicinity of well EX-1 through 2002; and (2) pump and treat for groundwater extraction, which was operated between 1992 and 1996, and then 2001 through November 2008 under a National Pollutant Discharge Elimination System (NPDES) permit. Despite the site clean-up efforts through 2008, elevated VOC concentrations are located in the immediately vicinity of well EX-1.

Staff is currently reviewing a Remedial Action Work Plan (RAP) to further cleanup VOCs in groundwater. During the review, staff noticed that there was an unauthorized injection to well EX-1, and issued a Notice of Violation to Fairchild on December 12, 2008.

### **Oil Field Reclamation Project , City of Santa Fe Spring**

Ann Lin

The Oil Field Reclamation Project (OFRP) study area is comprised of multiple separate parcels within an area approxi-

mately 272 acres, which are or were used for oil and gas production and storage operations. The area was historically used for oil and gas production; the area contained numerous oil and gas wells, sumps, tank farms, boiler plants, compressor plants and associated piping. OFRP was established on March 26, 1992 by a legal settlement agreement. The OFRP and various property owners have conducted groundwater and soil assessments, and/or remediation activities within the OFRP study area. Area-wide groundwater contamination plumes having volatile organic compounds including benzene, trichloroethene and tetrachloroethylene exist beneath some of the OFRP study area. The Regional Board has overseen assessments and remedial activities since 1993.

A 54-acre area (Subject Property) is a portion of the 272-acre OFRP area. This 54-acre property is known as the Villages at Heritage Springs (VHS) and will be redeveloped for residential townhouses and homes. Abandonment of unused water supply wells near the center of the VHS property revealed the presence of free product in the borings of two former water wells. As the result of the November 13, 2008 meeting with Regional Board staff, the developer submitted a Conceptual Site Model (CSM) report for the VHS property dated December 23, 2008. Staff is reviewing the CSM report.

### **Former Marina One-hour Dry Cleaners, Marina Del Rey**

Ann Lin

The Former Marina One-hour Dry Cleaners site is approximately 0.95 acre in a mixed commercial/residential area in Marina Del Rey. The property is an active shopping center with a small street along the western boundary of the property, beyond which there are residential properties. Recently, staff conditionally approved a technical work plan to further assess offsite plume migration and advance on-site remediation. Staff required the responsible party to submit the results of the field works to the Regional Board by January 15, 2009.

### **Former Slide System Facility**

Ann Lin

The former Slide System facility is located along the northern boundary of the Chevron El Segundo Refinery in the city of El Segundo. Currently land use is a laboratory building on this 0.95-acre property. Although there were several site investigations since 1999, no soil test boring has yet been advanced at the proximity of the former degreaser tank area in the building. Per staff's requirement, the discharger submitted a technical work plan to delineate lateral and vertical extent of tetrachloroethylene in soil beneath the source or immediately downgradient from the former degreaser tank area. Staff approved a work plan for additional investigation dated November 18, 2008. Staff anticipates that the field works will fill data gap for complete site characterization and future action.

### **Chevron El Segundo Refinery, El Segundo**

Henry Jones

The El Segundo refinery facility is an active refinery on 980 acres of land near the Santa Monica Bay. Since 1985, Chevron has been under numerous directives (currently Cleanup and Abatement Order No. 88-55 amended August 25, 1995), issued by the Regional Board under the authority in sections 13304 and 13267 of the California Water Code to investigate and clean up releases of hydrocarbons to underlying soil and groundwater.

Chevron recently requested abandonment of observation well ROW-168B located at the northwest corner of the subject site to make space for a multi-use beach facility. The City of El Segundo plans to lease 3,000 square feet from Chevron to build a facility that provides drinking fountains, showers, and toilets for the public, as well as storage and a tower for the Los Angeles County lifeguards. In order to assess the groundwater quality in the vicinity of observation well ROW-168B, staff required analytical groundwater data from ROW-168B and surrounding groundwater wells.

### **MAB Partners, Vernon**

Henry Jones

The MAB Partners facility is a picture and mirror framing production business located on one acre of land in the city of Vernon. The site has historically utilized and stored hazardous materials. A release of tetrachloroethylene (PCE) and trichloroethylene (TCE) was reported in 1991. Groundwater monitoring wells were installed within the site in 1992, and a soil vapor extraction system was installed in 1998.

In July 2008, the Regional Board received technical reports recommending site closure. Staff determined that the site was not eligible for closure due to its current condition. Remediation of onsite vapors was found to be incomplete due to a high concentration of VOCs at two vapor well locations. A high concentration of PCE was detected within the vicinity of one soil boring. And high concentrations of VOCs were detected in groundwater at one well location off-site. Staff directed the responsible party to submit a work plan by January 31, 2009, to further cleanup the site.

### **Space Bank Property, Pasadena**

Jeffrey Hu

Space Bank Limited owns a property (Site), approximately 9 acres, located at 3202 East Foothill Boulevard, in the city of Pasadena. The Site is also known as the former Naval Information Research Foundation Undersea Center (NIRF). Historically, the Site was occupied by California Institute of Technology and US Navy testing and scientific research and development facilities. US Army Corps of Engineers (ACOE), as the responsible party, has conducted limited subsurface environmental assessment under the oversight of California Environmental Protection Agency led by Department of Toxic Substance Control (DTSC) and assisted by this Regional Board. As a result of these past investigations, various metals, and both volatile (perchloroethylene) and semi-volatile organic compounds and petroleum hydrocarbons were detected in the soils at the Site. DTSC and Regional Board have required ACOE to perform additional soil and groundwater investigations at the Site. However, the required subsurface investigation work has been stalled due to an ongoing dispute resolution process between ACOE and DTSC.

Trammell Crow Company has setup a company, Pasadena Gateway, LLC, and plans to purchase and redevelop the Site into a commercial office center with public access and green space to serve the San Gabriel Valley community. Pasadena Gateway, LLC will enter into a purchase and sale agreement for the Site and perform necessary environmental work as required by DTSC and Regional Board.

October 17, 2008, representatives of Trammell Crow Company met with managerial, legal and technical staff from DTSC and Regional Board, and discussed their redevelopment plan. On December 29, 2008, Trammell Crow Company signed a cost recovery agreement with State Water Resources Control Board. Staff will be reviewing the draft Perspective Purchase Agreement prepared by Trammell Crow Company and provide timely comments.

### **1800 – 1820 Whittier Boulevard Block Redevelopment Project, City of Montebello**

Jeffrey Hu

The 1800 – 1820 Whittier Boulevard Block in the city of Montebello, approximately 1.4 acres, consists of a former gas station owned by the Beck Trust, a former auto service station owned by LA Tourette, two residential properties, and an alley owned by the city of Montebello. The former gas station and the former auto service station are potentially impacted by contaminants associated with previous business operations. The city of Montebello is working with a developer and the owners of the properties to redevelop the block into a commercial/marketing area. The former gas station was previously overseen by the Underground Storage tank program, and later transferred to Site Cleanup program per the city of Montebello's request, to be overseen jointly with the former auto service station. Staff directed the City to submit a Phase I Environmental Assessment Report and Work Plan for additional subsurface investigations.

### **Former Long Beach Naval Complex, Port of Long Beach**

Robert Ehe

On December 19, 2008, the Executive Officer issued a conditional approval letter for the Work Plan for Nutrient Injections at Installation Restoration Site 14, Former Long Beach Naval Shipyard submitted by the Navy. Installation Restoration Site 14 is the location of a former dry cleaning operation conducted between 1955 and 1969. Nutrients are proposed to be injected into groundwater to enhance anaerobic dechlorination of groundwater contaminants. Regional Board staff also reviewed and commented on the 2008 Semi-Annual Groundwater Monitoring Report for IR Sites 9, 11, 12 and 13 at the former Long Beach Naval Shipyard. The former shipyard is located on Terminal Island in Long Beach along Ocean Boulevard.

### **Former Aerojet-General Corporation facility, Azusa**

Robert Ehe

Regional Board staff directed Aerojet to complete backfill using of treated material and cleanup of treatment cell and staging areas along with concerns on storm water runoff issues. On December 23, 2008, the Executive Officer issued a letter to grant Aerojet a time extension to document completion of cleanup effort under Cleanup and Abatement Order (CAO) No. 99-073R. The proper management of soils at the site needs to be considered along with safety concerns related to the location and size of the large excavation adjacent to the building and business operation at 411 N. Aerojet Avenue in Azusa.

#### *Site Cleanup III Unit*

### **Ujima Village Site**

Regional Board is evaluating the result of the Parl lake sediment and fish sampling to ensure health and safety of the park users. Michael Lyons is assisting Slic III staff in this effort. Regional Board staff is also working on a "Fact Sheet" to inform public of the current site status. Mr. Stephen Cain is leading this effort.

#### *Site Cleanup I Unit*

### **Former Composite Structures, Monrovia**

Bizuayehu Ayele

On December 12, 2008, the Regional Board approved the work plan submitted by PES, Inc., consultant to the previous and current operators of the former Composite Structures facility (Ducummon AeroStructures, Inc., Alcoa, Inc., Whittaker Corporation and United Technologies Corporation, known collectively as *The 801 Royal Oaks Group*), which were issued a Cleanup and Abatement Order (CAO) on March 12, 2003.

The subject work plan was submitted in response to the requirements of the Regional Board's compliance letter, dated July 2, 2008. Accordingly, *The 801 Royal Oaks Group* will install additional vapor monitoring wells approximately 300 feet deep for delineation of the volatile organic compounds (VOCs) plume in the vadose zone and for re-evaluation of the effectiveness of the soil vapor extraction (SVE) system which has been in operation since 2003.

The Group will also install additional onsite and offsite multi-depth nested groundwater monitoring wells which could be as deep as 1,000 feet to delineate the VOC plume in the groundwater onsite and offsite. The technical report on the well installation activities and additional site assessment is expected to be submitted to the Regional Board on June 12, 2009.

### **The Former Western Chemical (now All-Tex Inks, Inc.), La Mirada**

Greg Bishop

The former Western Chemical (now All-Tex Inks, Inc.) lies between the I-5 Freeway and the Southern Pacific Railroad, near the Los Angeles County/Orange County border in La Mirada. A release of various hazardous volatile organic compounds (VOCs) occurred at the site at least as far back as 1973, resulting in severe impact to shallow groundwater and soil.

Regional Board staffs have been working closely with the responsible party's team to evaluate off-site assessment progress made and to move toward complete assessment. As a result, Regional Board staffs have required additional assessment, indoor air monitoring, vapor intrusion modeling, and interim remedial action.

Access to neighboring properties has had mixed cooperation in the past. Regional Board staffs are working with the responsible party (Soco-West) to gain access to additional properties where sampling is considered necessary to complete delineation. Verbal agreements for site access have been reached with all parties identified as requiring site access. Formal negotiations are ongoing between the responsible party and several of these parties to finalize the terms of site access agreements.

An Interim Remediation Action Work Plan was recently approved by the Executive Officer for the responsible party to install a dual-phase extraction system at the site. It is anticipated that the system will be installed and begin operations during the 2009 calendar year. Eventually, following complete plume delineation, a larger-scale system is anticipated to remediate the entire impacted area.

Co-incidentally, Caltrans is widening the I-5 Freeway and is coordinating their activities with the Regional Board where shallow groundwater exists. Regional Board staffs continue project coordination with Caltrans staff to keep them informed of investigative findings that could have potential impacts to their I-5 expansion project.

### **BP HITCO Site, Gardena**

Greg Bishop

The site is located within a predominantly industrialized portion of Gardena. The facility has been engaged in manufacturing operations dating to the 1940s that involved the use of solvents and resins. Products currently produced by the facility include carbon-based rocket nozzles and fiberglass radomes. Releases of chlorinated volatile organic compounds (VOCs) from the site are impacting soil and groundwater both on- and off-site.

Regional Board staffs have recently reviewed the case file and identified VOC impacted soil at a depth of 100 feet below the ground surface, which could be affecting the Gage aquifer, located a short distance below that depth. As required by a Regional Board Order, the responsible party has submitted a work plan to delineate the full extent of off-site groundwater impact, including the potential impact to the Gage aquifer. This work plan is currently undergoing review.

### **ConocoPhillips Terminal No.0381, Los Angeles**

Pinaki Guha-Niyogi

The access issue with one offsite property owner of the building located at 223 West 138<sup>th</sup> Street (223 Building) was finally resolved on December 11, 2008. This will pave the way for the offsite investigations to proceed without any further delay. A meeting between Regional Board staff, representatives from the Department of Toxic Substances Control (DTSC), ConocoPhillips (COP) and all stakeholders was held in Mr. Rick and Judy Songer's building on December 11<sup>th</sup> to find out if Mr. Yashu Niwa, the owner of the 223 Building, would sign the access agreement with COP. Based on the discussions and verbal agreements reached during previous meetings access issues were resolved. At the December 11<sup>th</sup> meeting, Mr. John Campbell, counsel for Mr. Yashu Niwa, informed the attendees that Mr. Niwa will provide access to COP and Stantec (their consultants) to conduct the soil vapor, soil and groundwater sampling events, as well as the indoor air and sub-slab sampling that is being required by Regional Board.

Meanwhile, the Executive Officer approved the Workplan Addendum (Addendum) prepared by Stantec, on behalf of COP, and sent out an approval letter to COP on December 31, 2008. The fieldwork was schedule to commence the second week in January 2009, but Mr. Yashu Niwa and Mr. Rick Songer (owners of the 223 and 207 Buildings) informed Regional Board staff that they would like a Spanish speaking Public Relations person to come down to their buildings and talk to the occupants/tenants about the proposed investigations. The occupants and tenants have been questioning the sample location marks that have been made on the pavement and outside the buildings. Due to this request, the fieldwork has been postponed by a week to enable us to address this request.

### **Former Western Gear Site, City of Industry**

Carlos Ortez

The former Western Gear site is located at 14724 East Proctor Avenue in City of Industry. The site was used for the manufacturing electronic equipment at one point and later gears and housings for the aerospace industry. A conditional no further requirements (soil closure) letter is being issued pending on the execution of a *Deed Covenant and Environmental Restriction* on the property. The site has received closure letters for various areas within the property after complete assessments and remediation. This is the final closure process of the site. Apparently, all the issues on the covenant between the PRP and the Regional Board have been resolved. Regional Board staffs and the Office of the Chief Counsel (State Water Resources Control Board) are awaiting for the final review of the document from the new property owner.

## **Port of Los Angeles, Warehouse 12, Los Angeles**

Carlos Ortez

Warehouse 12 is located at 260 East 22<sup>nd</sup> Street in San Pedro, California. In 1991, a reinforced concrete underground storage tank (UST) was discovered during the demolition of Warehouse 12. The UST, which had been used to store bunker fuel for a boiler room operation, was abandoned in 1967 and later removed in 1993. This site was inspected October 23, 2008 by Regional Board staffs. VOCs, petroleum hydrocarbons, and lead in soils, in addition to petroleum hydrocarbons and VOCs in groundwater were identified as chemicals of concern in an interim *Remedial Action Plan* (RAP) dated August 2008. The interim RAP proposes: (a) the recovery of light non-aqueous phase liquid (LNAPL) atop groundwater, (b) groundwater monitoring well MW-3 abandonment, (c) implementing a petroleum-impacted soil excavation and removal action in the vicinity of soil boring location Tt-NB7 and well MW-3, (d) surface skimming of LNAPL residue from the excavation, and (e) chemical oxidation pilot study at petroleum-contaminated capillary fringe.

### *Landfills Unit*

## **Gardena Valley No. 5 Landfill (Carson)**

Enrique Casas

Gardena Valley No. 5 Landfill is a waste management unit that closed prior to implementation of state or federal regulations regarding closure requirements for municipal solid waste landfills. On February 20, 2007, in response to a failure of the landfill cap, Regional Board staff issued a directive to the Discharger, Eni Oil & Gas, Inc., under section 13267 of the California Water Code, to submit a revised final cover design for the Landfill to remediate a soil and asphaltic final cover that was in disrepair. Subsequently, the Landfill property owner, Glory Christian Fellowship International (GCFI), requested an opportunity to explore clean closure of the Landfill. Our 13267 directive has been held in abeyance to date. The submittal date for redesigned final cover design workplan or clean closure remedial action plan is January 20, 2009. Recent communication indicates that the Discharger is not prepared to comply with our directive to submit a cover design workplan or clean closure remedial action plan such that enforcement action may be required.

## **Savage Canyon Landfill (Whittier)**

Enrique Casas

The Savage Canyon Landfill is a 132-acre municipal solid waste disposal facility owned and operated by the City of Whittier (City). On October 24, 2006, this Regional Board adopted Order No. R4-2006-0080, which revised the WDRs for the Landfill to accommodate continuing disposal. The principal reason for revising the WDRs was to revise the monitoring and reporting program to include:

- An updated groundwater monitoring network;
- Updated groundwater parameters that are site specific and consistent with other municipal solid waste landfills in this Region;
- Refined statistical evaluation of groundwater quality that allows for intra-well methods that are most appropriate for the site.

On November 22, 2006, the City petitioned Order No. R4-2006-0080 to the State Board primarily because “There was a lack of substantial evidence in the record, and a lack of findings to support the Regional Board’s determination to require downgradient groundwater monitoring.” On March 22, 2007, the State Board denied the petition. In response, the City submitted a required Workplan on March 29, 2007 that proposed expanded monitoring for seepage from the Landfill toe and slopes, quarterly leachate comparative analysis, and monthly inspection for leachate seeps. On June 11, 2007, the Regional Board Executive Officer directed the City to submit a revised Workplan by July 12, 2007 that provided more information regarding the methodology for providing verifiable results of the leachate mass balance and methodology for inferring potential impacts to groundwater quality. Instead, the City undertook a renewed evaluation of the monitoring approach for the Landfill and in December 2008 submitted a workplan that relies on soil gas monitoring of existing gas probes in conjunction with the use of Henry’s Law to determine the likelihood of landfill gas to impact groundwater as an alternative to groundwater monitoring. The proposed monitoring approach evaluates the most likely pathway of landfill gas migration to groundwater, and can be a useful screening approach to Landfill condi-

tions that indicate a potential for impacting groundwater. On January 9, 2008, Regional Board staff conditionally approved the alternative screening approach while giving the City the option to install a more traditional deep groundwater monitoring network.

### **Sunshine Canyon City/County Landfill**

Wen Yang

On January 2, 2009, Regional Board staff sent out a public notice informing interested parties that the Regional Board intends to approve the Preliminary Closure and Postclosure Plans (Plans) for the Sunshine Canyon City/County Landfill (Landfill), which is owned and operated by the Browning Ferris Industries of California (BFI). The public notice was sent out in accordance with the waste discharge requirements (WDRs) for the Landfill that the Board adopted on October 2, 2008, which states, in part, that *“During oversight of this Order, wherever the Executive Officer is authorized to grant any approval under a particular provision of this Order, the Executive Officer is directed to assess if there is controversy associated with the decision following public notice and, if so, bring the decision to the Regional Board for approval.”*

The Plans were included in the Joint Technical Document (JDT) that BFI submitted in 2007 to apply for WDRs for the Landfill and were discussed at the public hearing when the Board adopted the WDRs. The purpose of the Plans is to provide a basis for BFI to establish a preliminary estimate of closure and post closure maintenance costs and enable the California Integrated Waste Management Board to assess the reasonableness of the cost estimate for non-water quality aspects of closure and postclosure maintenance of the Landfill. In accordance with California Code of Regulations, Title 27 (27 CCR), the Plans must be updated, amended if necessary, reviewed, and approved by regulatory agencies at least once every five years. The Regional Board may require revisions and modifications of the Plans to fulfill requirements in the WDRs, CWC, 27 CCR, and other applicable state and federal regulations.

### **Azusa Land Reclamation Company Landfill, Partial Closure and new WDRs**

Douglas Cross

The Azusa Land Reclamation Landfill (Facility) is owned and operated by Azusa Land Reclamation Company, Inc. (ALRC) a subsidiary of USA Waste Management, Inc., and is located at 1201 Gladstone Street, Azusa. ALRC was owned and operated by Browning Ferris Incorporated (BFI) from 1987 until June 6, 1997. On June 6, 1997, BFI sold the stock of ALRC to USA Waste of California, Inc. which later merged with Waste Management, Inc. and operated under the name of Waste Management, Inc. (WMI).

The Facility totals of 302-acres, of which 262 acres are designated for landfill operations. The landfill is segregated into five zones of operation (Zone I through Zone V). Mining of sand and gravel started in the area of Zone I in 1928 which provided the pit that was later to become a landfill.

Zone I is approximately 77 acres (known as the 80-acre portion) and received Class III municipal solid waste (MSW) and inert wastes from 1960 until 1996. This portion of the landfill was not equipped with a liner and leachate collection and removal system (LCRS).

Zone II is an active 30-acre portion that started receiving MSW in 1989 and in 1991 halted their acceptance of MSW but continued operation as an inert landfill based on the requirements of the California State Water Resource Control Board (SWRCB) Orders WQ 91-01 and WQ 91-09 which specify inert, tires, and asbestos containing waste. This portion of the landfill is double-lined and contains a LCRS.

Zone III is an unlined 60-acre portion that is currently accepting tires and inert waste.

Zone IV and V (56-acres and 40-acres, respectively) are currently being mined for sand and gravel.

On October 2, 1996, the SWRCB issued Order No. WQ 96-14 which restricted the placement of municipal solid waste to the unlined 80-acre area. BFI ceased accepting MSW on 10/4/96. The Facility has since operated as an inert landfill.

Due to the multiple operators at this Facility, maintenance and closure is the responsibility of both BFI and WMI. Basically BFI is responsible for Zone 1 and WMI is responsible for the remainder of the Facility.

BFI submitted a closure plan on 12/11/98. A series of revisions to the closure plan were submitted over the following years. On January 5, 2009 BFI submitted a Final Closure and Post-Closure Maintenance Plan for Zone 1. Staff is currently reviewing this document for completeness and compliance with Title 27 requirements.

In addition, because of appeals and California Superior Court and SWRCB actions, the Facility has a complicated permitting history with regards to its WDRs and new waste discharge requirements (WDRs) are being prepared for clarity and proper regulatory compliance.

## *Groundwater Permitting Unit*

### **Malibu Paradise Cove**

Elizabeth Erickson

Paradise Cove Park: The owner removed the upgraded, but nonfunctioning, disinfection system, and installed a new Ultra Violet treatment plant. The disinfection system began operating about November 3, 2008 and achieved bacteria reductions to the Waste Discharge Requirements limits on at least one occasion. Failure to replicate these disinfection results is being investigated by the Discharger, but is probably related to turbidity excursions. Staff has directed the Discharger to implement a backup plan, already approved by the City of Malibu, to chlorinate and de-chlorinate the effluent before discharge to eliminate bacteria. Additional ocean sampling will be required to insure chlorination by-products do not impact marine life. Work on seepage pit solenoid valves is pending. No odor or spill complaints were received in December.

### **Beach Cafe**

Elizabeth Erickson

Staff has not received a Report of Waste Discharge for the new tertiary treatment system proposed for the Beach Cafe, where a notice of violation was sent August 2008 due to flow volumes exceeded the Waste Discharge Requirements and continuing groundwater exceedances for bacteria.

### **Legacy Park Malibu**

Elizabeth Erickson

The Technical Advisory Committee for Legacy Park met on Friday, January 9, 2009, and offered their uniform agreement with changes to the City's approach to storm water and wastewater treatment in the Civic Center. The City presented their response to California Environmental Quality Act (CEQA) comments for Legacy Park, which will be released on Monday, January 12, 2009 for final review by the planning commission on January 21, 2009. Modifications to the Final Environmental Impact Report (EIR) will include documentation of the Malibu Lumber facility use, including leachfield and irrigation within 6 months on Legacy Park through temporary fixtures and connection to a centralized wastewater treatment plant within 6 months after the plant becomes operational. While the Legacy EIR contains language stating that it is not part of the waste water treatment solution, the long-term use of the Malibu Lumber's leachfield in Legacy Park for effluent disposal within the Civic Center and its potential impacts on Total Maximum Daily Loading storm water compliance was discussed.

Concrete plans for the development of a wastewater treatment plant were also presented. On Monday, January 12, 2009, the City Council will vote on expanding the contract of the Legacy Park contractor to develop a wastewater treatment plant design and CEQA documentation for plants at two possible locations, one on the WAVE property between City Hall and Stuart Ranch Road and one on the La Paz property. Tentative discharge locations, treatment capacity and build-out effluent volume were presented and areas for additional technical review were highlighted.

Staff again presented a time-line for completion of a wastewater treatment plant, identical to that released in response to comments for the December 11, 2008 Malibu Lumber hearing. Representatives from the State Water Resource Control Board State Revolving Fund and the Malibu City Manager provided comments on the timeline in an effort to keep it realistic and inclusive, yet ensure rapid progress. The time-line and a septic prohibition draft are on track for public release and comment at the end of February 2009 and a Board Hearing in May 2009.

### **Duke's of Malibu**

Elizabeth Erickson

Duke's of Malibu is finalizing odor control and liquid chlorine feed construction at their facility in response to notices of violation sent in June and July of 2007. Staff is reviewing Duke's proposal to replace an existing leachfield which allowed discharge through a seawall onto the adjacent beach.

### **Hasley Canon Mobile Home Park (MHP)**

Toni Callaway

Since mid-October, all domestic wastewater generated by the 113 homes at Hasley Canyon MHP has been going into Los Angeles County's sewer collection line, and to a POTW for wastewater treatment. The owner of Hasley Canyon Mobile Home Park is in the process of abandoning the original septic collection, treatment and disposal systems. An inspection on December 30, 2008, by Regional Board staff found a backhoe filling the excavation remaining after removal of the sixth of nine septic systems. Legal abandonment of the three remaining septic systems will be completed by mid-February.

### **Trancas PCH**

Orlando Gonzalez and Rebecca Chou

Trancas PCH has submitted Report of Waste Discharge on December 24, 2008 for a wastewater treatment plant to be built for Tentative Tract 29273 and 32415. which is a 35-acre parcel including 28 acres of public open space and 7.61 acres of multi-family residential development. The wastewater treatment plant will treat the wastewater generated from the proposed multi-family residential development and residences located along Broad Beach. Regional Board staff sent a letter dated December 31, 2008 and attended January 6, 2009 Malibu Planning Commission meeting to support this centralized wastewater treatment plant, including reuse the treated wastewater through landscape irrigation and seepage pit disposal when weather conditions do not allow irrigation or when there is excess of treated wastewater.

### **Summary of General Waste Discharge Requirements Enrolled**

Rosie Villar and Rebecca Chou

From November 13, 2008 to January 9, 2008, nine dischargers enrolled under the general Waste Discharger Requirements (WDR) and four dischargers terminated the general WDR. Table below contains a breakdown for each category of general WDR.

		Date of Coverage	Date of Revision	Termination
<b>A.</b>	<b>General WDR Discharge for Groundwater remediation at petroleum Hydrocarbon fuel and/or volatile organic compound impacted sites (Order No. R4-2007-0019)</b>			
1.	Former Crenshaw Collision Center, Los Angeles (Series No. 074)	11/18/08		
2.	Former Fast Gas Station, Thousand Oaks (Series No. 030)		11/21/08	
3.	Thrifty Station #003, Long Beach (Series No. 021)		11/21/08	
4.	City of Santa Monica Corporation Yard, Santa Monica (Series No. 083)	11/24/08		
5.	Former Compton Tamarind Transit Property, Compton (Series No. 082)	12/12/08		
6.	Harry's Airport Garage, Inglewood (Series No. 029)			12/30/08
7.	Former Mobil #18-GHD, Santa Fe Springs (Series No. 089)	1/9/09		
<b>B.</b>	<b>General Waste Discharge Requirements For Groundwater Remediation at Petroleum Hydrocarbon Fuel and/or Volatile Organic Compound Impacted Sites (Order R4-2002-0030)</b>			
1.	Former Sta-Lube Facility, Rancho Dominguez (Series No. 060)			12/30/08
2.	PPG Industries Inc., Torrance (Series No. 053)			12/29/08
<b>C.</b>	<b>Waste Discharge Requirements for Injection of Ozone, Hydrogen peroxide, and Oxygen in Groundwater at Petroleum Hydrocarbon fuel and/or volatile organic compound impacted sites (Order R4-2005-0030)</b>			
1.	Former Arco 0087, Hawthorne (Series No. 022)			12/30/08
<b>D.</b>	<b>General Waste Discharge requirements for specified discharges to groundwater (Order No. 93-010)</b>			
1.	Beech Street Well, La Verne (Series No. 036)	11/18/08		
2.	Ventura County Public Works Transportation Department, Ventura (Series No. 037)	12/05/08		
<b>E.</b>	<b>General Waste Discharge requirements for small commercial &amp; multi-family residential subsurface sewage disposal systems (Order No. 01-031)</b>			
1.	918 N. Schley (Guadalupe Rivas), Wilmington (Series No. 106)	11/24/08		

**Groundwater Permitting – Inspection Report(s) November 13, 2008 to January 9, 2008**

Rosie Villar and Rebecca Chou

Date Issued	Permittee	Project Manager
11/14/08	918 N. Schley (Guadalupe Rivas)	Dionisia Rodriguez

*Well Investigation Program*

**Status Report on the San Fernando Valley Chromium VI Investigation**

Dixon Oriola

Regional Board staffs continue to work with the United States Environmental Protection Agency (USEPA) to share resources and investigative information on chromium impacted sites under the *Phase II of the Chromium VI Investigation* in San Fernando Valley. Both agencies are assisting the Cities of Los Angeles (Los Angeles Department of Water &

Power {LADWP}), Burbank and Glendale with information concerning the Chromium VI groundwater threat and impact to their water treatment facilities, Superfund extraction wells and some production wells. USEPA has formed a Chromium Operable Unit covering the Glendale investigative area as an initial response.

### **PRC-DeSoto (former Courtaulds Aerospace), Glendale Operable Unit, Glendale**

Larry Moore

The occupants of the former Courtaulds Aerospace facility (Site) are under a Cleanup and Abatement Order (CAO) designated R4-2002-0085. As planned, the site was vacated at the end of 2008 and presently the new property owner (Target Corporation) is evaluating different options regarding site redevelopment.

The Site received approval from Target to begin the onsite demolition of Buildings Nos. 1 and 11, which was completed and verified by Regional Board staff during a November 25, 2008 inspection. During the inspection Regional Board staff observed the excavated areas and the locations of the proposed chemical injection points (borings). The borings were installed in December 2008 pursuant to the Regional Board's General Waste Discharge Requirements (WDR) Permit, which is being finalized. The borings will be used to inject a chemical substrate into the soil to remediate (i.e., reduce) the hexavalent chromium to trivalent chromium. The WDR permit is planned to be finalized and issued by the end of February 2009. Additionally, work began on December 22, 2008 for the installation of one additional groundwater monitoring well, which will be located downgradient of the proposed injection points and used to monitor the effectiveness of the WDR chemical substrate injection activities. Regional Board staff is still evaluating the proposed site-specific cleanup goals for chromium and hexavalent chromium, which were provided by the Site's environmental consultant.

In addition to the demolition and excavation activities mentioned above, the discharger's consultant completed the removal of potential contaminant sources (underground storage tanks, clarifiers, sumps, etc.) on December 12, 2009, completed the construction and installation of a geosynthetic clay liner (GCL) in the chromium excavated area of Building No. 1, which was backfilled with clean fill to prevent surface water intrusion.

On December 18, 2009, the Site submitted an extension request for the submittal of the *Final Remediation Report*. The Executive Officer has approved the time extension request and the new due date for submitting the report is May 4, 2009.

### **Status Report on Excello Activities in the Glendale Operable Unit**

Larry Moore

On October 30, 2008 a site inspection was conducted to observe the environmental assessment activities being conducted by Ralph's Grocery Store (Ralph's) environmental consultant. The activities were completed as outlined in the workplan which was approved by the Regional Board during September 2008. Ralph's completed the investigation because of their potential interest in the parcel of land the former Excello Plating facility (Site) once existed. To confirm and verify the activities, a site inspection was conducted by Regional Board staff during October 2008.

During November 2008, the activities were completed and a final report presenting the site assessment results was developed and submitted to the Regional Board. The report was received on December 10, 2008 and presently, Regional Board staff is reviewing the report. The process calls for a Remedial Action Plan (RAP) for remediating onsite soil contamination to be developed and submitted to the Regional Board by January 21, 2009. However on December 22, 2008, a letter was submitted by the Spirito Family Trust (responsible party) requesting a time extension to submit the RAP. After reviewing the request a time extension was granted to April 1, 2009.

As stated in previous EO reports, three groundwater monitoring wells were installed during April 2008. Two of these wells were installed offsite and hydraulically downgradient of the Site to determine whether groundwater pollution had migrated offsite. The remaining well was installed upgradient of the groundwater contamination to determine whether contamination was migrating onto the Site from upgradient sources. Two groundwater monitoring events were conducted during since the wells were installed and the resulting groundwater analytical results indicate (total) chromium (Cr), trichloroethylene (TCE), and perchloroethylene (PCE) concentrations were detected above their respective State Maximum Contaminant Levels (MCLs) at all three wells. These results indicate that groundwater contamination is migrating onto the subject Site from a potential upgradient source and that the existing groundwater contamination

plume has migrated downgradient and offsite, indication that the nearby extraction wells are not effectively capturing the contaminant plumes. Additionally, the results indicate the groundwater plume has not been completely delineated and additional downgradient offsite wells are needed. Due to depleting Trust funds, the Site submitted a letter on December 22, 2008 requesting a reduction in the frequency of the current groundwater monitoring program. Specifically, the request was to reduce groundwater monitoring from quarterly to semi-annually. After reviewing the request and based on a discussion with Regional Board staffs, the request was granted. The new date for submitting the next groundwater monitoring report is June 30, 2009.

### **San Gabriel Valley Superfund (Area 3), Alhambra, South Pasadena, and Temple City**

Curt Charmley

Over 350 properties within the San Gabriel Valley Superfund Area, also known as Area 3, remain as part of a Regional Board/USEPA investigation to determine the sources of groundwater contamination that have affected area drinking water wells owned by the City of Alhambra. As background, San Gabriel Valley was placed on the National Priority List (NPL) by USEPA in 1986. The primary groundwater volatile organic compound (VOC) contaminants are trichloroethylene (TCE) and perchloroethylene (PCE). The level of VOC contamination in these municipal wells now exceeds 10 times the Federal and State maximum contaminant level (MCL) for each of these compounds in groundwater.

The USEPA has distributed a Draft Remedial Investigation Report, December 2008, for review and comments.

Recent developments for the investigative activities in Area 3 OU include: Oversight for the installation, development, and sampling of two groundwater monitoring wells. One well was installed in the Northwestern portion of the OU (Fashion Cleaners) and one well was installed in the Northeastern portion of the OU (Genuine Cleaners).